

NOTICE

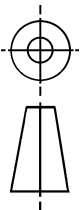
THIS DOCUMENT HAS BEEN TAKEN DIRECTLY FROM U.S. MILITARY SPECIFICATION MS28913D AND CONTAINS ONLY MINOR EDITORIAL AND FORMAT CHANGES REQUIRED TO BRING IT INTO CONFORMANCE WITH THE PUBLISHING REQUIREMENTS OF SAE TECHNICAL STANDARDS. THE INITIAL RELEASE OF THIS DOCUMENT IS INTENDED TO REPLACE MS28913D. ANY PART NUMBERS ESTABLISHED BY THE ORIGINAL SPECIFICATION REMAIN UNCHANGED.

THE ORIGINAL MILITARY SPECIFICATION WAS ADOPTED AS AN SAE STANDARD UNDER THE PROVISIONS OF THE SAE TECHNICAL STANDARDS BOARD (TSB) RULES AND REGULATIONS (TSB 001) PERTAINING TO ACCELERATED ADOPTION OF GOVERNMENT SPECIFICATIONS AND STANDARDS. TSB RULES PROVIDE FOR (A) THE PUBLICATION OF PORTIONS OF UNREVISED GOVERNMENT SPECIFICATIONS AND STANDARDS WITHOUT CONSENSUS VOTING AT THE SAE COMMITTEE LEVEL, AND (B) THE USE OF THE EXISTING GOVERNMENT SPECIFICATION OR STANDARD FORMAT.

UNDER DEPARTMENT OF DEFENSE POLICIES AND PROCEDURES, ANY QUALIFICATION REQUIREMENTS AND ASSOCIATED QUALIFIED PRODUCTS LISTS ARE MANDATORY FOR DOD CONTRACTS. ANY REQUIREMENT RELATING TO QUALIFIED PRODUCTS LISTS (QPLS) HAS NOT BEEN ADOPTED BY SAE AND IS NOT PART OF THIS SAE TECHNICAL DOCUMENT.

SAENORM.COM : Click to view the full PDF of as28913d

THIRD ANGLE PROJECTION



ISSUED 1998-06

REVISED 1999-07

PREPARED BY AIRFRAME CONTROL BEARINGS GROUP

AEROSPACE STANDARD

BEARING, ROLLER, SELF-ALIGNING, DOUBLE ROW
AIRFRAME, ANTI-FRICTION, SEALED, TYPE IIAS28913
SHEET 1 OF 3REV.
A**SAE** The Engineering Society
of Automobile Engineers
Land Sea Air and Space®
INTERNATIONAL

400 Commonwealth Drive, Warrendale, PA 15096-0001

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

AS28913

REV.
A

Copyright 1999 Society of Automotive Engineers, Inc.
All rights reserved.

QUESTIONS REGARDING THIS DOCUMENT:
TO PLACE A DOCUMENT ORDER:

(724) 772-8510
(724) 776-4970

FAX: (724) 776-0243
FAX: (724) 776-0790

SAE WEB ADDRESS:

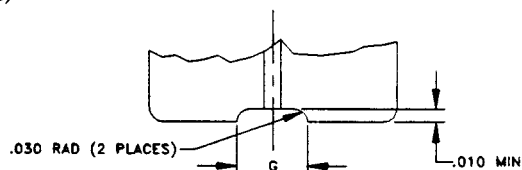
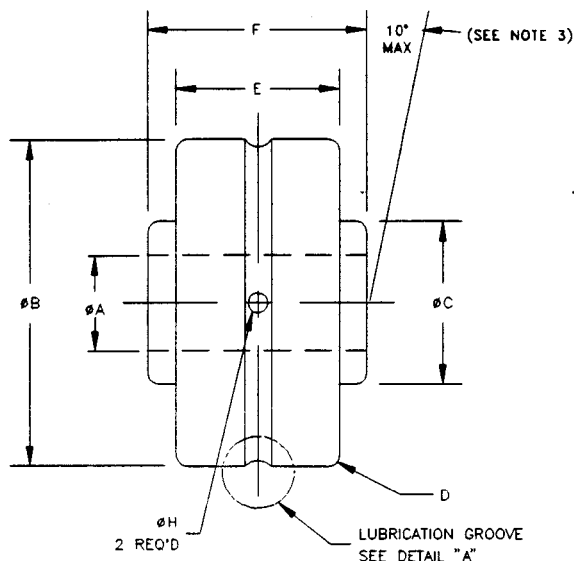
<http://www.sae.org>

Printed in the U.S.A.

REV.
A

AS28913

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-B-8914.



DETAIL "A"

MS DASH NO.	WT MAX LBS	STATIC LIMIT LOAD - LBS		DYNAMIC LOAD RATING - LBS	
		RADIAL	AXIAL	RADIAL	AXIAL
-4C	.06	3080	1690	2560	1380
-5C	.17	7590	4300	6300	3570
-6C	.26	10100	5790	8390	4800
-8C	.40	12700	6380	10600	5300
-10C	.60	18900	9450	15700	7840
-12C	1.04	31400	15400	26000	12800

MS DASH	ØA	ØB	ØC	D	E	F	G	ØH	
	+ .0000 (.000) - .0005 (.013)	+ .0000 (.000) - .0005 (.013)	+ .005 (.127) - .005 (.127)	+ .015 (.381) - .000 (.000)	+ .000 (.000) - .005 (.127)	+ .000 (.000) - .005 (.127)	GROOVE WIDTH	LUBRICATION HOLE	
	1/ IN. (mm)	IN. (mm)	IN. (mm)	IN. (mm)	OUTER RING IN. (mm)	INNER RING IN. (mm)	IN. (mm)	IN. (mm)	
-4C	.2500 (6.350)	.9014 (22.896)	.450 (11.430)	.050 (1.270)	.464 (11.780)	.625 (15.880)	.050 (1.270)	.047 (1.194)	
-5C	.3125 (7.938)	1.2500 (31.750)	.520 (13.210)		.656 (16.660)	.812 (20.620)	.080 (2.032)	.060 (1.524)	
-6C	.3750 (9.525)	1.4375 (36.512)	.610 (15.490)		.750 (19.050)	.937 (23.800)			
-8C	.5000 (12.700)	1.6875 (42.862)	.820 (20.830)		.812 (20.620)	1.000 (25.400)			
-10C	.6250 (15.875)	1.9375 (49.212)	.940 (23.880)		.937 (23.800)	1.125 (28.580)			
-12C	.7500 (19.050)	2.3750 (60.325)	1.120 (28.450)		1.125 (28.580)	1.312 (33.320)	.110 (2.790)	.090(2.286)	
BEARING ROUNDNESS LIMITS									
BASIC (NOMINAL) DIAMETER		BORE ACCEPTANCE LIMITS				O.D. ACCEPTANCE LIMITS			
		d MIN	MEAN DIAMETER		d MAX	D MIN	MEAN DIAMETER		D MAX
OVER	INCL		LOW	HIGH			LOW	HIGH	
.0000(.000)	2.0000(50.800)	- .0006(.015)	- .0005(.013)	+ .0000(.000)	+ .0001(.002)	- .0008(.020)	- .0005(.013)	+ .0000(.000)	+ .0003(.008)
2.0000(50.800)	3.0000(101.600)	- .0009(.023)	- .0007(.018)	+ .0000(.000)	+ .0002(.005)	- .0012(.030)	- .0007(.018)	+ .0000(.000)	+ .0005(.013)

1/ TOLERANCE ON -12C O.D., IS +.0000 (.000) TO -.0007 (.018)